DEN

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

irst Named

MAR 0 7 2006

nventor : Zicheng Liu et al.

Appln. No.: 10/724,008

Filed: November 26, 2003

For : METHOD AND APPARATUS FOR

MULTI-SENSORY SPEECH

ENHANCEMENT

Docket No.: M61.12-0585

Group Art Unit: 2641

Examiner:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 I HEREBY CERTIFY THAT THIS PAPER IS BEING SENT BY U.S. MAIL, FIRST CLASS, TO THE COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, THIS

PATENT ATTORNEY

Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed, except as waived by the Official Gazette notice of August 5, 2003 regarding copies of U.S. Patents and Published Applications.

TIME OF FILING

An information disclosure statement is being filed by the applicant within any one of the following time periods:

- 1. \underline{x} 1. Within three months of the filing date of a national application other than a Continued Prosecution Application (CPA);
 - 2. Within three months of the date of entry of the National Stage international application;
 - 3. Before the mailing date of a first Office Action on the merits, or
 - 4. Before the mailing of a first Office Action after the filing of a Request for Continue Examination (RCE).

2. ___ after the time period specified in paragraph 1 above,
but before the mailing date of a final action under 37
C.F.R. § 1.113 or notice of allowance under 37 C.F.R.
§ 1.311. Therefore, in accordance with 37 C.F.R.
§ 1.97(c), submitted herewith is:

(check either A or B below)

- A. a statement as specified in 37 C.F.R. § 1.97(e).
- B. ___ the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c).
- after the mailing date of either a final action under 37 C.F.R. § 1.113 or a notice of allowance under 37 C.F.R. § 1.311, whichever occurs first, but before payment of the issue fee. Therefore, Applicant petitions for consideration and submits herewith:
 - A. a statement as specified in 37 C.F.R. § 1.97(e);
 - B. the petition fee set forth in 37 C.F.R. § 1.17(p).

STATEMENT

(only used if No. 2(A) or No. 3 above is checked) The person(s) signing below certify

(check appropriate paragraph)

_ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(1).

OR

that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than

three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(2).

METHOD OF PAYMENT

_X	No fee is	rec	quired.					
	Attached	is a	a check in t	he a	amount o	f \$		
The	Director	is	authorized	to	charge	any	fee	deficie

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this communication is enclosed.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

Ву

Theodore M. Magee, Reg. No. 39,758 Suite 1400 - International Centre

900 Second Avenue South

Minneapolis, Minnesota 55402-3319

Phone: (612) 334-3222 Fax: (612) 334-3312

TMM:sew

FORM PTO-1449 Atty. Docket No.: Appl. No.: M61.12-0585 10/724,008

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

First Named Inventor:

Zicheng Liu et al.	
Filing Date	Group Art:
November 26, 2003	2641

U.S. PATENT DOCUMENTS Examiner Document No. Sub Filing Date Initial Date Name Class Class If Appropriate 3/1993 AA 5,197,091 Takagi et al. 379 433.12 AB 5,446,789 8/1995 Loy et al. AC 9/1996 Kim 379 5,555,449 433.03 Eatwell et al. AD 5,828,768 10/1998 381 333 ΑE 5,943,627 8/1999 Kim et al. 379 426 AF 5,983,073 11/1999 Ditzik 455 11.1 AG 6,028,556 2/2000 Shiraki 343 702 AH 6,052,464 4/2000 Harris et al. 379 433 ΑI 6,052,567 4/2000 Ito et al. 455 90 ΑJ 9/2000 Moore et al. 6,125,284 455 557 Kaschke et al. AK 6,137,883 10/2000 379 433.07 AL6,243,596 6/2001 Kikinis 429 8 AM 6,308,062 10/2001 Chien et al. 455 420 AN6,760,600 7/2004 Nickum 455 557 ΑO 6,339,706 1/2002 Tillgren et al. 455 419 AP 6,675,027 1/2004 Huang 455 575 AQ 2004/0092297 05/13/04 Huang

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
AR	EP 0 720 338 A2	7/1996	EPO			
AS	EP 0 854 535 A2	7/1998	EPO			
AT	EP 0 939 534 A1	9/1999	EPO			
AU	JP 2000196723	7/2000	Japan			Abstract only
AV	WO 93/01664	1/1993	WIPO			
AW	WO 95/17746	6/1995	WIPO			
AX	WO 99/04500	1/1999	WIPO			
AY	WO 00/45248	8/2000	WIPO			

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.